

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 03/00700

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C08B 3/00, C08B 31/00, C08J 3/14, C08K 5/092
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C08B, C08J, C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, CHEM ABS.DATA, SCISEARCH DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Molecular Crystals and Liquid Crystals, vol. 33, 2000, Mariko Yoshoka et al: "Biodegradable Plastics from Cellulose" pages 59-73, pages 62-63, figure 1, abstract --	1-16
X	US 5462983 A (STEVEN BLOEMBERGEN ET AL), 31 October 1995 (31.10.95), abstract, claims, examples --	1-16
A	US 2001/0021733 A (SOILI PELTONEN ET AL), 13 Sept 2001 (13.09.01), abstract, claims --	1-16

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

19 December 2003

Date of mailing of the international search report

29-12-2003

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6066368 A (ROBERT L. BILLMERS ET AL), 23 May 2000 (23.05.00), abstract, claims, examples --	1-16
A	WO 9749762 A1 (OY POLYMER COREX KUOPIO LTD.), 31 December 1997 (31.12.97), abstract, claims, example 14 --	1-16
A	US 5292782 A (CATIA BASTIOLI ET AL), 8 March 1994 (08.03.94), column 1, line 29 - column 2, line 7, abstract --	1-16
A	DATABASE WPI Week 198150 Derwent Publications Ltd., London, GB; Class A11, AN 1981-91830D & JP 56139539 A (UBE IND LTD), 31 October 1981(1981-10-31) abstract -- -----	1-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/10/03

International application No.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5462983 A	31/10/95	DE 69431523 D,T EP 0711326 A,B JP 2742630 B JP 8502552 T KR 233487 B WO 9504108 A	26/06/03 15/05/96 22/04/98 19/03/96 01/12/99 09/02/95
US 2001/0021733 A	13/09/01	NONE	
US 6066368 A	23/05/00	US 6007614 A	28/12/99
WO 9749762 A1	31/12/97	AU 3264297 A EP 0907681 A FI 108038 B FI 962627 A US 6656984 B US 2002032254 A	14/01/98 14/04/99 00/00/00 26/12/97 02/12/03 14/03/02
US 5292782 A	08/03/94	AT 167503 T AU 664168 B AU 1222692 A BR 9205651 A CA 2105182 A CN 1043777 B CN 1066859 A CZ 284842 B CZ 9301712 A DE 69225962 D,T DK 575349 T EP 0575349 A,B SE 0575349 T3 ES 2117044 T FI 110114 B FI 933662 A HU 68412 A HU 219571 B HU 9302378 D IL 101017 A IT 223191 Z IT 1245408 B IT T0910118 D,V JP 6507924 T KR 219255 B NO 308416 B NO 932948 A PL 170436 B RU 2086580 C TR 27531 A WO 9214782 A ZA 9201196 A US 5412005 A	15/07/98 09/11/95 15/09/92 07/06/94 21/08/92 23/06/99 09/12/92 17/03/99 16/03/94 22/10/98 19/10/98 29/12/93 01/08/98 00/00/00 19/08/93 28/06/95 28/05/01 00/00/00 18/06/96 13/06/95 20/09/94 27/05/91 08/09/94 01/09/99 11/09/00 19/08/93 31/12/96 10/08/97 07/06/95 03/09/92 25/11/92 02/05/95